

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CALCITONIN GENE RELATED PEPTIDE RECEPTOR

June 5, 1995

08/461,250

the specification of which [-] is attached hereto or [X] was filed on _____ as Application Serial No. _____ and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

Priority Claimed
Yes No

<u>(Number)</u>	<u>(Country)</u>	<u>(Day/Month/Year Filed)</u>	<u>Priority Claimed</u>
			Yes No
			<input type="checkbox"/> <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>PCT/US95/01587</u>	<u>February 3, 1995</u>	<u>Pending</u>
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); and Gregory Ferraro (Reg. No. 36,134) of Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein; Robert H. Benson (Reg. No. 30,446) of Human Genome Sciences, Inc., 9410 Key West Ave, Rockville, Maryland 20850-3338. Address correspondence and telephone calls to Gregory D. Ferraro c/o Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 - (201) 994-1700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: John /

Inventor's signature: [Signature]

Date: 9/5/95

Residence: 258-3D Iven Avenue, St. David's, Pennsylvania 19087.

Citizenship: Canada

Post Office Address: Same

Full name of second joint inventor: Nambi Aiyar

Inventor's signature: Nambi Aiyar

Date: 9/5/95

Residence: 1430 Radbill Circle, Berwyn, Pennsylvania 19312

Citizenship: USA

Post Office Address: Same

Full name of third joint inventor: Derk Bergsma

Inventor's signature: [Signature]

Date: 9/5/95

Residence: 271 Irish Road, Berwyn, Pennsylvania 19312

Citizenship: USA

Post Office Address: Same

Full name of fourth joint inventor: Nabil Elshourbagy

Inventor's signature: [Signature]

Date: 9/5/95

Residence: 1648 Bowtree Drive, West Chester, Pennsylvania 19312

Citizenship: USA

Post Office Address: Same

Full name of fifth joint inventor: Yi Li

Inventor's signature: [Signature]

Date: Aug. 25 95

Residence: 16125 Howard Landing Drive, Gaithersburg, Maryland 20878

Citizenship: China

Post Office Address: Same

Full name of sixth joint inventor: Norman H. Lee

Inventor's signature: [Signature]

Date: 9/8/95

Residence: 10344 Wetherburn Road, Woodstock, Maryland 21163

Citizenship: USA

Post Office Address: Same

Docket No.: 325800-376

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, John Adamou of 318 Steeple Chase Drive, Exton, Pennsylvania 19341; Nambi Aiyar of 1430 Radbill Circle, Berwyn, Pennsylvania 19312; Derk Bergsma of 271 Irish Rd, Berwyn, Pennsylvania 19312 and Nabil Elshourbagy of 1648 Bowtree Drive, West Chester, Pennsylvania 19312 hereby sells, assigns and transfers to Smithkline Beecham Corporation ("assignee") having a place of business at One Franklin Plaza, Philadelphia, Pennsylvania 19102 its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as:

CALCITONIN GENE RELATED PEPTIDE RECEPTOR

for which application(s) for United States Letters Patent has (have) been executed by the undersigned on _____ also known as United States Application Serial No. 08/461,250, filed June 5, 1995, and is entitled:

CALCITONIN GENE RELATED PEPTIDE RECEPTOR

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Patent Rights").

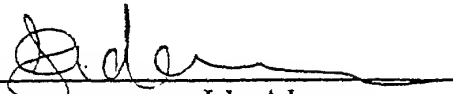
The undersigned further agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represent and warrant to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

The undersigned hereby grant power to John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); Gregory D. Ferraro (Reg. No. 36,134); and Robert H. Benson (Reg. No. 30,446) to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature:

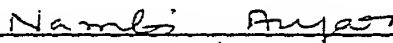

John Adamou

Date:

1/31/96

This Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature:


Nambi Aiyar

Date:

2/3/96

This Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature:


Derk Bergsma

Date:

1/31/96

This Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature:


Nabil Elshourbagy

Date:

1/31/96

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Norman H. Lee of 10344 Wetherburn Road, Woodstock, Maryland 21163 hereby sells, assigns and transfers to The Institute For Genomic Research ("TIGR") having a place of business at 9712 Medical Center Drive, Rockville, Maryland 20850, its successors, assigns and legal representatives, her entire rights, titles and interests for the United States and all other countries, in and to the improvements(s) known as:

CALCITONIN GENE RELATED PEPTIDE RECEPTOR

for which application(s) for United States Letters Patent has (have) been executed by the undersigned on September 8, 1995 also known as United States Application Serial No. 08/461,250, filed June 5, 1995, and is entitled:

CALCITONIN GENE RELATED PEPTIDE RECEPTOR

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Patent Rights").

For good and valuable consideration, the receipt of which is hereby acknowledged TIGR hereby sells, assigns and transfers to Human Genome Sciences, Inc. (the "Assignee") having a place of business at 9410 Key West Avenue, Rockville, MD 20850, its successors, assigns and legal representatives its entire right, title and interest for the United States and all other countries in and to the Patent Rights.

The undersigned further agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represent and warrant to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

The undersigned hereby grant power to John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); Gregory D. Ferraro (Reg. No. 36,134); and Robert H. Benson (Reg. No. 30,446) to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is executed with and signed on the date(s) opposite the signature(s):

Inventor's Signature: _____

Norman H. Lee

Norman H. Lee

Date: _____

3/6/96

The Institute For Genomic Research

By: TIGR/Dan H. Hunkeler

Title: Vice President for Administration

Date: March 6, 1996

325800-376
N:\FHGS217.C

1005485 012002

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Yi Li of 16125 Howard Landing Drive, Gaithersburg, Maryland 20878 hereby sells, assigns and transfers to HUMAN GENOME SCIENCES, INC. ("assignee") having a place of business at 9410 Key West Avenue, Rockville, Maryland 20850-3338 its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as:

CALCITONIN GENE RELATED PEPTIDE RECEPTOR

for which application(s) for United States Letters Patent has (have) been executed by the undersigned on August 25, 1995 also known as United States Application Serial No. 08/461,250, filed June 5, 1995, and is entitled:

CALCITONIN GENE RELATED PEPTIDE RECEPTOR

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Patent Rights").

The undersigned further agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represent and warrant to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

The undersigned hereby grant power to John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); Gregory D. Ferraro (Reg. No. 36,134); and Robert H. Benson (Reg. No. 30,446) to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is executed by _____, signed on the date(s) opposite the signature(s):

Inventor's Signature: _____


Yi Li

Date: _____

2/21/98

325800-376

N:\H\HGS217.A

20031001 01:22:00